



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET SW SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

May 31, 2001

Duke Energy Corporation  
ATTN: Mr. H. B. Barron  
Vice President  
McGuire Nuclear Station  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

SUBJECT: ANNUAL ASSESSMENT LETTER - MCGUIRE NUCLEAR STATION  
(NRC INSPECTION REPORT 50-369,370/01-01)

Dear Mr. Barron:

On April 30, 2001, the NRC staff completed its end-of-cycle plant performance assessment of the McGuire Nuclear Station. The end-of-cycle review for McGuire involved the participation of all technical divisions in evaluating performance indicators (PIs) and inspection results for the period of April 2, 2000, to March 31, 2001. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Overall, McGuire operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, at this time we plan to conduct only baseline inspections, routine Independent Spent Fuel Storage Installation related inspections, and license renewal related inspections at your facility through May 31, 2002. We also wish to advise you that performance of an Operational Safeguards Response Evaluation (OSRE) is currently being considered for sometime in 2002. This consideration is based on the amount of time that has elapsed since the last OSRE at McGuire.

The enclosed inspection plan details the scheduled inspections that will occur through May 31, 2002. This inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 - December 31), the current inspection and assessment cycle will consist of only three quarters (i.e. the second, third and fourth calendar quarters of CY 2001). As a result, for this transition period only, the number of inspection activities have been modified accordingly and a mid-cycle review letter and accompanying inspection plan will not be issued.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change our inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4550 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Robert C. Haag, Chief  
Reactor Projects Branch 1  
Division of Reactor Projects

Docket Nos.: 50-369, 50-370  
License Nos.: NPF-9, NPF-17

Enclosure: McGuire Nuclear Station Inspection/Activity Plan

cc w/encl:  
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**McGuire**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>MB MR</b>	<b>- MAINT RULE</b>	<b>1</b>			
1, 2	IP 711112B	Maintenance Rule Implementation		06/10/2001	06/14/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/18/2001	06/22/2001	Baseline Inspections
	<b>PB1-FL</b>	<b>- FLOOD PROTECTION</b>	<b>1</b>			
1, 2	IP 7111106	Flood Protection Measures		07/23/2001	07/27/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		08/06/2001	08/10/2001	Baseline Inspections
	<b>OL EP</b>	<b>- EMERGENCY PREPAREDNESS</b>	<b>2</b>			
1, 2	IP 7111401	Exercise Evaluation		08/13/2001	08/17/2001	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/13/2001	08/17/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/13/2001	08/17/2001	Baseline Inspections
	<b>MB HS</b>	<b>- HEAT SINK</b>	<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		09/10/2001	09/14/2001	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 60855	Operation Of An ISFSI		09/10/2001	09/14/2001	Other Routine
1, 2	IP 7112203	Radiological Environmental Monitoring Program		09/10/2001	09/14/2001	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		09/10/2001	09/14/2001	Baseline Inspections
	<b>PB1-AW</b>	<b>- ADVERSE WEATHER</b>	<b>1</b>			
1, 2	IP 7111101	Adverse Weather Protection		11/05/2001	11/09/2001	Baseline Inspections
	<b>EB-SSDI</b>	<b>- SSDI PRE-INSPECTION VISIT</b>	<b>1</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		12/10/2001	12/14/2001	Baseline Inspections
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		01/07/2002	01/11/2002	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		01/07/2002	01/11/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		01/07/2002	01/11/2002	Baseline Inspections
	<b>EB SSDI</b>	<b>- SSDI INSPECTION</b>	<b>5</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		01/14/2002	01/18/2002	Baseline Inspections
	<b>EB SSDI</b>	<b>- SSDI INSPECTION</b>	<b>5</b>			
1, 2	IP 7111121	Safety System Design and Performance Capability		01/28/2002	02/01/2002	Baseline Inspections
	<b>OL PREP</b>	<b>- INITIAL EXAM PREP</b>	<b>3</b>			
1	V23188	EXAMS AT POWER FACILITIES		01/28/2002	02/01/2002	Not Applicable
	<b>MB 50.59</b>	<b>- 50.59</b>	<b>1</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/11/2002	02/14/2002	Baseline Inspections
	<b>OL EXAM</b>	<b>- INITIAL EXAM</b>	<b>3</b>			
1	V23188	EXAMS AT POWER FACILITIES		02/11/2002	02/15/2002	Not Applicable

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**McGuire**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		02/25/2002	03/02/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		02/25/2002	03/02/2002	Baseline Inspections
	<b>PS-RP</b>	<b>- RADIATION PROTECTION</b>	<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/11/2002	03/15/2002	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/11/2002	03/15/2002	Baseline Inspections
	<b>LIC REN</b>	<b>- DUKE LR</b>	<b>4</b>			
1, 2	IP 71002	License Renewal Inspection		03/25/2002	03/29/2002	Other Routine